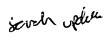
7 Nt see."

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|--|----------|---------------------|---------|------------------|
| L6 | 1 | "372".clas. and ((quantum near2 cascade) and (thz or terahertz) and (lo\$phonon or (lo adj phonon)) and lifetime).clm. | US-PGPUB | OR | ON | 2006/08/11 11:03 |
| L7 | 1 | ((quantum near2 cascade) and (thz or terahertz) and (lo\$phonon or (lo adj phonon)) and lifetime).clm. | US-PGPUB | OR | ON | 2006/08/11 11:04 |



EAST Search History

| 1 | | | | | <u> </u> | |
|---------------|------|--|---|---------------------|----------|------------------|
| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
| S23 | 284 | "372".clas. and ((quantum with cascade) or unipolar or intersubband or intrasubband) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/09 10:25 |
| S18 | 254 | "372".clas. and ((quantum near2 cascade) or unipolar or intersubband or intrasubband) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/09 10:25 |
| S24 | 470 | "372".clas. and (thz or terahertz) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/09 10:26 |
| S21 | 446 | "372".clas. and (thz or terahertz) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/09 10:26 |
| S26 | 68 | S23 and lifetime | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/09 10:27 |
| S31 | 407 | S24 and (lifetime or time or tau) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/09 11:20 |
| S30 | 85 | S24 and (lifetime or tau) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/09 11:20 |
| S27 | 71 | S23 and (lifetime or tau) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/09 11:20 |
| S32 | 2 | ("20030219052").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/08/10 08:14 |
| S33 | 8 | ("5457709" "5509025" "5570386" "5936989" "5978397").PN. OR ("6324199").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/10 08:46 |

EAST Search History

| | | | | т | 1 | |
|-----|-----|--|---|----|----|------------------|
| S34 | 33 | ("5311009").PN. OR ("5457709"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/10 09:04 |
| S36 | 223 | S35 and (temperature) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/10 09:45 |
| S35 | 284 | "372".clas. and ((quantum with cascade) or unipolar or intersubband or intrasubband) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/10 09:45 |
| S38 | 295 | S37 and (temperature) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/10 11:02 |
| S37 | 470 | "372".clas. and (thz or terahertz) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/10 11:02 |
| S39 | 255 | S35 and (lifetime or time or tau) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/10 11:24 |
| L2 | 15 | L1 and cascad\$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/11 10:55 |
| L1 | 123 | 372/4.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/11 10:55 |
| L3 | 16 | L1 and cascad\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/11 10:57 |
| L4 | 107 | L1 not L3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/11 11:00 |

EAST Search History

| L5 2 372/45.012.ccls. and @pd>"20060316" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/11 11:02 |
|--|---|----|----|------------------|
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8/11/2006 11:36:19 AM C:\Documents and Settings\tvanroy\My Documents\EAST\Workspaces\10661831.wsp